

11. (New) The process according to Claim 10 comprising adhering a support to one or both faces of a crosslinked intermediate polyolefin sheet to be expanded, these faces being perpendicular to the direction of expansion, and unidirectionally expanding the so formed sheet only in its thickness.

12. (New) The processing according to Claim 10, comprising surface-crosslinking one or both faces of an intermediate polyolefin sheet to be expanded, these faces being perpendicular to the direction of expansion, and expanding and crosslinking the so formed sheet only in its thickness.

13. (New) The process according to Claim 10, carried out continuously.

14. (New) The process according to Claim 11, wherein adhesion to the support is promoted by a prior corona discharge.

15. (New) The process according to Claim 10, wherein the polyolefin foam comprises at least 20% by weight of a polyethylene or of an essentially linear ethylene copolymer having a density of 0.80 to 0.96 g/cm<sup>2</sup>.

16. (New) The process according to Claim 15, wherein the polyethylene or ethylene copolymer is obtained by metallocene catalysis and has a density of at most 0.92 g/cm<sup>3</sup>.

17. (New) A compliant crosslinked foam obtained by the process of Claim 10.

#### BASIS FOR THE AMENDMENT

The claims have been rewritten in a manner substantially as kindly suggested by the Examiner consistent with the disclosure. No new matter has been introduced thereby.

#### REMARKS

Favorable reconsideration of this application is requested.